

Upper Mississippi River National Wildlife & Fish Refuge - Waterfowl Aerial Survey

DATE(S)	PILOT	OBSERVERS	WEATHER	NOTES
October 10, 2006	Brian Lubinski	Bill Thrune, Brian Stemper	43 degrees F, partly cloudy, calm	pools 4-8, 12-14 flown
October 10, 2006	Paul Anderson	John Nelson	50 degrees F, overcast, 0-5 mph wind	pools 9-11 flown

TABLE 1. SURVEY OF ALL AREAS

SPECIES	POOL 4 RIECK'S LAKE	POOL 4 CLOSED	POOL 4 NELSON TREVING	POOL 4 OPEN	POOL 5 CLOSED	POOL 5 OPEN	POOL 5A CLOSED	POOL 5A OPEN	POOL 6 TREMPE NWR	POOL 7 ONALASKA CLOSED	POOL 7 OPEN	POOL 8 WISC. ISLANDS CLOSED	POOL 8 OPEN	POOL 8 BLUE/TAR OPEN	POOL 8 GOOSE ISL. CLOSED	POOL 9 CLOSED	POOL 9 BIG LAKE	POOL 9 RUSH CR	POOL 9 SUGAR CR
SWANS									5	30		20							
CANADA GEESE	140	195	165		825	15	65		910	2430	5	505	85		210	710		190	10
OTHER GEESE																			
MALLARD	105	160	535	635	1970	60	230	25	560	2620	405	290	40	50	1335	815	315	5495	350
BLACK DUCK		5					5			5	5	5				30			
PINTAIL					45				5	75		20				15		40	75
GADWALL		10	75	385	1200	90	55		300	6295	30	1630	350	10	500				
WIGEON				35	240		45		35	2185		60	25	5	75	775		3010	480
N. SHOVELER																			
BLUE-WINGED TEAL	15		30	15	35	15		15			55		5	5				25	
GREEN-WINGED TEAL	15			70	310				80	195	20				80	135	5	10	
WOOD DUCK	45	5	35	70	50			10	50	35	90	10	35	5	30		190		
REDHEAD																			
CANVASBACK				35		70			25	4150		1190	270			80		1000	500
RINGNECK		10				35			1445	750		195			35	200	50	35	
SCAUP						70			20	590		1050	350			75		2000	
C. GOLDENEYE																10			
BUFFLEHEAD										5									
MERGANSER																			
RUDDY DUCK									100	20		115							
DUCKS, GEESE & SWAN TOTALS	320	385	840	1,245	4,675	355	400	50	3,535	19,385	610	5,090	1,160	75	2,265	2,845	560	11,805	1,415
PUDDLE DUCKS	180	180	675	1,210	3,850	165	335	50	1,030	11,410	605	2,015	455	75	2,020	1,770	510	8,580	905
DIVING DUCKS	-	10	-	35	-	175	-	-	1,590	5,515	-	2,550	620	-	35	365	50	3,035	500

OTHER SPECIES

GREAT BLUE HERON	1	2		2	3	4	1		3	1	5		5		2				
GREAT EGRET	1	11			11				39	30	10	39	12						
BALD EAGLE		2			1		2	1	10	15		12	22				2		
COOT		65		7600	120	7525	1255	115	7820	10585	290	2055	4465	1420		3520	800	3250	4300
W. PELICAN		130		310	110	380	75		15	470		525	110		30	455	530	105	130
CORMORANT		105		10	965	350	15		445	300		515	50			1095		400	595

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TABLE 1(continued). SURVEY OF ALL AREAS

SPECIES	POOL 10 OPEN/CLO	POOL 10 STURGEON	POOL 10 WISC RIVER	POOL 11 BIG POND	POOL 11 HAY MEADOW	POOL 11 BERT-MC	POOL 11 SNYDER	POOL 11 POTOSI	POOL 11 O'LEARY	POOL 12 DEADMAN	POOL 12 GALENA	POOL 12 WISE LAKE	POOL 13 LOST MOUND	POOL 13 PLEASANT CREEK	POOL 13 GREEN ISLAND	POOL 13 SPRING LK UPPER	POOL 13 SPRING LK LOWER	POOL 13 ELK RIVER	POOL 13 LOWER POOL	POOL 14 BEAVER ISLAND	TOTAL
SWANS																	5				60
CANADA GEESE	170			75	65	15	195				15	280		215	110	95	445	335	102		8,577
OTHER GEESE																					-
MALLARD	60	25	5	500	40	90	205		80		20	75		175	5	80	990	470	655		19,470
BLACKDUCK														5			5	5	5		75
PINTAIL												20					135	20	15		465
GADWALL											35	10		60		35	1705	240	1290		14,305
WIGEON												10		85		5	860	60	600		8,590
N. SHOVELER																	60		65		125
BLUE-WINGED TEAL										55	100	15	15	100	5	10	180		20	20	735
GREEN-WINGED TEAL					10	10				5	40	10		20	5		400	220			1,640
WOODDUCK										45	15	45	105	255	30	65	105	15		5	1,345
REDHEAD																					-
CANVASBACK									60												7,380
RINGNECK									50								60		130		2,995
SCAUP									85												4,240
C. GOLDENEYE																					10
BUFFLEHEAD																					5
MERGANSER																					-
RUDDY DUCK																			330		565
DUCKS, GEESE & SWAN TOTALS	230	25	5	575	115	115	400	-	275	105	225	465	120	915	155	290	4,950	1,365	3,212	25	70,582
PUDDLE DUCKS	60	25	5	500	50	100	205	-	80	105	210	185	120	700	45	195	4,440	1,030	2,650	25	46,750
DIVING DUCKS	-	-	-	-	-	-	-	-	195	-	-	-	-	-	-	-	60	-	460	-	15,195

OTHER SPECIES

GREAT BLUE HERON										6			1	7	1				1		45
GREAT EGRET							9	2		3	1	12	4	3			25	6	19	3	240
BALD EAGLE	3	3	1				1	1					1			1		2			80
COOT	450		15		50	75	150	250	945			160			90	25	1010		3595		62,000
W. PELICAN	30		220			125	245	5				240		30		5	60		25		4,360
CORMORANT	1			20			380	150	190			5							25	515	6,131

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TABLE 2. OPEN/CLOSED AREA SUMMARY.

	POOL 4 CLOSED	POOL 4 OPEN	POOL 5 CLOSED	POOL 5 OPEN	POOL 5A CLOSED	POOL 5A OPEN	POOL 6 TREMPS	POOL 7 CLOSED	POOL 7 OPEN	POOL 8 CLOSED	POOL 8 OPEN	POOL 9 CLOSED	POOL 9 OPEN	POOL 10 CLO/OPEN	POOL 11 CLOSED	POOL 11 OPEN	POOL 12 OPEN	POOL 13 CLOSED	POOL 13 OPEN	POOL 14 CLOSED	TOTALS
SWANS	0	0	0	0	0	0	5	30	0	20	0	0	0	0	0	0	0	5	0	0	60
CANADA GEESE	335	165	825	15	65	0	910	2430	5	715	85	710	200	170	155	195	295	1090	212	0	8,577
OTHER GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
MALLARD	265	1170	1970	60	230	25	560	2620	405	1625	90	815	6160	90	630	285	95	1715	660	0	19,470
BLACKDUCK	5	0	0	0	5	0	0	5	5	5	0	30	0	0	0	0	0	15	5	0	75
PINTAIL	0	0	45	0	0	0	5	75	0	20	0	15	115	0	0	0	20	155	15	0	465
GADWALL	10	460	1200	90	55	0	300	6295	30	2130	360	0	0	0	0	0	45	2040	1290	0	14,305
WIGEON	0	35	240	0	45	0	35	2185	0	135	30	775	3490	0	0	0	10	1010	600	0	8,590
N. SHOVELER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	65	0	125
BLUE-WINGED TEAL	15	45	35	15	0	15	0	0	55	0	10	0	25	0	0	0	170	305	25	20	735
GREEN-WINGED TEAL	15	70	310	0	0	0	80	195	20	80	0	135	15	0	20	0	55	640	5	0	1,640
WOODDUCK	50	105	50	0	0	10	50	35	90	40	40	0	190	0	0	0	105	545	30	5	1,345
REDHEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
CANVASBACK	0	35	0	70	0	0	25	4150	0	1190	270	80	1500	0	0	60	0	0	0	0	7,380
RINGNECK	10	0	0	35	0	0	1445	750	0	230	0	200	85	0	0	50	0	60	130	0	2,995
SCAUP	0	0	0	70	0	0	20	590	0	1050	350	75	2000	0	0	85	0	0	0	0	4,240
C. GOLDENEYE	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
BUFFLEHEAD	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
MERGANSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
RUDDY DUCK	0	0	0	0	0	0	100	20	0	115	0	0	0	0	0	0	0	0	330	0	565
DUCKS, GEESE & SWAN TOTALS	705	2,085	4,675	355	400	50	3,535	19,385	610	7,355	1,235	2,845	13,780	260	805	675	795	7,640	3,367	25	70,582
PUDDLE DUCKS	360	1,885	3,850	165	335	50	1,030	11,410	605	4,035	530	1,770	9,995	90	650	285	500	6,485	2,695	25	46,750
DIVING DUCKS	10	35	-	175	-	-	1,590	5,515	-	2,585	620	365	3,585	-	-	195	-	60	460	-	15,195

OTHER SPECIES

GREAT BLUE HERON	3	2	3	4	1	0	3	1	5	2	5	0	0	0	0	0	6	8	2	0	45
GREAT EGRET	12	0	11	0	0	0	39	30	10	39	12	0	0	0	0	11	16	38	19	3	240
BALD EAGLE	2	0	1	0	2	1	10	15	0	12	22	0	2	7	0	2	0	4	0	0	80
COOT	65	7600	120	7525	1255	115	7820	10585	290	2055	5885	3520	8350	465	125	1345	160	1035	3685	0	62,000
W. PELICAN	130	310	110	380	75	0	15	470	0	555	110	455	765	250	125	250	240	95	25	0	4,360
CORMORANT	105	10	965	350	15	0	445	300	0	515	50	1095	995	1	20	720	5	25	515	0	6,131